

USSR/Pharmacology and Toxicology. Hypnotics and Sedatives

V-1

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 47083

Author : Kucher Ya.I.

Inst : -

Title : Experimental Study of the Effect of Bromine and Skin Reactions in Response to Chemical Irritants

Orig Pub : V. sb.: Sovrem. vopr. dermatol. Kiev, Gosmedizdat USSR, 1957, 16-17

Abstract : Skin reaction to a solution of phenol in benzol (7.5%) was studied in 36 rabbits which received sodium bromide (SB) in single and repeated doses. In different series of experiments, a single dose of SB amounted to 20-500 mg/kg. At the repeated introduction of SB during 10 days in doses of 200 mg/kg., a distinct weakening of skin reactions takes place in the experimental animals. The weakening of skin reactions in response to chemical irritants is probably explained by a strengthening of the processes of inhibition occurring in the cerebral cortex under the influence of SB.--R.S. Vorob'yeva

Card

: 1/1

KUCHER- MICHURINA, L.S.

State of the blood coagulation system in aplastic and hypoplastic anemias in children. Probl. gemat. i perel. krovi
8 no.6:27-31 Je'63 (MIRA 17:4)

1. Iz kafedry gosspital'noy pediatrii (zav. - deystvitel'nyy
chlen AMN SSSR prof. A.F. Tur) Leningradskogo pediatricheskogo
meditsinskogo instituta.

KUCHERA, Adolf [Kucera, Adolf]

Problem of modeling logical functions by means of the physical three pole. Stroj na zprac inf 10:45-62 '64.

1. Research Institute of Mathematical Machines, Prague.

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CHUPR, Z. [Cuřr, Z.]; KUCHERA, F. [Kucera, F.]

Male pseudohermaphroditism, the syndrome of total testicular feminization. Probl. endok. i gorm. 11 no.6:50-53 N-D '65.
(MIRA 18:12)

1. II akushersko-ginekologicheskaya klinika (zav. - dotsent M. Uger) meditsinskogo fakul'teta Brnenskogo universiteta imeni Purkin'ye, Chekhoslovatskaya Sotsialisticheskaya Respublika.

ACCESSION NR: AP4040760

Z/0017/64/053/006/0316/0321

Shandorova, V. Graduate school of the USSR Academy of Sciences

Western countries: France (Westinghouse), Japan (Oki Electric), Germany (Siemens), Soviet Union (Vestek)

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in Miller, it was found to be $L_2 < 0.05 \mu\text{H}$. At 200 kV, the voltage to the groundground at that point is $U_{2\text{max}} = 0.66 \text{ kV}$ and the corresponding deformation of the characteristic curve recorded by the oscillograph is $U_{2\text{max}}$ is entirely sat-

Orig. art. has: 43 formulas and 10 diagrams.

KUCHERA, Ya.

Reconstruction of the urinary tract with an isolated intestinal
loop (ileo- and coloplasty). Urologia 26 no.1:21-29 '61.

(MIRA 14:3)

(ILEUM—TRANSPLANTATION)

(COLON—TRANSPLANTATION)

(URINARY ORGANS—SURGERY)

SOLOV'YANOV, Leonid Nikolayevich; MAKASHOV, Leonid Nikolayevich;
KUCHER, Yakov Andreyevich; SIDORENKO, A.P., kand. tekhn.
nauk, retsenzent; NAZAROV, P.P., kand. tekhn. nauk,
retsenzent

[Boring machinery for metal mines] Burovye mashiny dlia
metallicheskikh rudnikov. Moskva. Nedra, 1964. 253 p.
(MIRA 17:11)

BORIN, Ya.V., prof.; OL'GINA, F.P., dotsent; GRUSHKO, N.Ya.; LYASHKEVICH,
A.S.; KUCHERAK, I.S.

Hemodynamic shifts in workers of the Kalush potassium combine.
Vrach. delo no.11:104-107 N'63 (MIRA 16:12)

1. Kafedra Gospital'noy terapii (zav. - prof. Ya.V.Borin)
Ivano-Frankovskogo meditsinskogo instituta.

KUCHERBAYEVA, Kh.M.

Treatment of some skin diseases at Rakhmanovskiye Klyuchi,
Zdrav. Kazakh. 18 no. 2:43-46 '58. (MIRA 13:8)

1. Iz Vostochno-Kazakhstanskogo oblastnogo kozhno-venerologicheskogo dispansera.

(RAKHMANOVSKIYE KLYUCHI—MINERAL WATERS)

(SKIN—DISEASES)

KUCHERBAYEVA, Kh.M.

Late results of the treatment of eczema, psoriasis, and
neurodermatitis at the Ayakkalkan health resort. Zdrav.
Kazakh. 22 no.9:25-30 '62. (MIRA 17:2)

1. Iz Kazakhskogo kozhno-venerologicheskogo instituta.
Nauchnyy rukovoditel' temy - prof. K.A. Kalantayevskaya.

KUCHERENKO, A.

AUTHOR: Kucherenko, A., Krasnoye Selo

107-9-33/53

TITLE: Manufacturing Lead-Out Wire Ends (Izgotovleniye vyvodnykh kontsov)

PERIODICAL: Radio, 1957, # 9, p 44 (USSR)

ABSTRACT: When winding transformers with wires of 0.15 mm diameter and less, the lead-out ends may be made of the same wire about 50-70 mm long. With this method, no special multi-strand wires are necessary.

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Card 1/1

KUCHERBAYEVA, Kh.M.

Late results of the treatment of eczema, psoriasis, and
neurodermatitis at the Ayakkalkan health resort. Zdrav.
Kazakh. 22 no.9:25-30 '62. (MIRA 17:2)

1. Iz Kazakhskogo kozhno-venerologicheskogo instituta.
Nauchnyy rukovoditel' temy - prof. K.A. Kalantayevskaya.

K----- A.

AUTHOR: Kucherenko, A., Krasnoye Selo 107-9-33/53

TITLE: Manufacturing Lead-Out Wire Ends (Izgotovleniye vyvodnykh kontsov)

PERIODICAL: Radio, 1957, # 9, p 44 (USSR)

ABSTRACT: When winding transformers with wires of 0.15 mm diameter and less, the lead-out ends may be made of the same wire about 50-70 mm long. With this method, no special multi-strand wires are necessary.

AVAILABLE: Library of Congress

Card 1/1

AUTHOR: Kucherenko, A. (Krasnoye selo) 107/107-58-2-16/32
TITLE: Terminal Ends (Vyvodnyye kontsy)
PERIODICAL: Radio, 1958, Nr 2, p 31 (USSR)
ABSTRACT: The author recommends a method for eliminating special terminal ends when winding transformer coils. The terminals may be made of the same wire. For this purpose, the original coil wire is folded several times in a length corresponding to the terminal length. This method may be used for wire up to 0.15 mm diameter.

1. Coils--Production 2. Wire--Applications

Card 1/1

KAMENTSOV, A.; KHANIN, M.; KUCHERENKO, A.; TISHCHENKO-RAYEVSKIY, Ye.

Overall continuous flow line. Avt.transp. 41 no.4:22-24 Ap '63.
(MIRA 16:5)

1. Kiyevskiy taksomotornyy park No.1.
(Kiev--Taxicabs--Maintenance and repair)

BELOKOPYTOVA, Ye.V.; ZAYTSEVA, Ye.D.; IVANOVA, V.I.; KUCHERENKO, A.A.;
OVCHINNIKOVA, L.N.; ODINOKOVA, Ye.A.; SHCHUKIN, N.M.;
BHLOVA, K.F.; SOSKOVA, M.S.; DEMIN, P.M., red.; TYLKIN, M.N., red.;
PULIN, L.I., tekhn. red.

[Economy of Tula Province; a statistical manual] Narodnoe khoziaistvo
Tul'skoi oblasti; statisticheskii sbornik. [Tula] Tul'skoe knizhnoe
izd-vo, 1958. 215 p. (MIRA 11:8)

1. Tula (Province). Statisticheskoye upravleniye.
(Tula Province--Statistics)

SOV/19-58-6-612/685

AUTHORS: Kucherenko, A.G., and Nominas, P.V.
TITLE: An Extensible Last (Razdvizhnaya kolodka)
PERIODICAL: Byulleten' izobreteniy, 1958, Nr 6, p 135 (USSR)
ABSTRACT: Class 71c, 2⁰². Nr 113878 (566786 of 15 Feb 1957).
Submitted to the Committee for Inventions and Discoveries at the Ministers Council of USSR. An extensible shoe last consisting of toe and heel portions with a curved connecting surface; with a connecting lock formed by a metal groove on the heel portion and a metal plate on the toe portion.

Card 1/1

AFANAS'YEV, A.A.; KUCHERENKO, A.G.; TOLOCHKO, V.I.

Stretching and stresses occurring during internal shaping of
footwear. Leg.prom. 18 no.7:44-47 J1 '58. (MIRA 11:9)
(Shoe manufacture)

MERZON, A.G.; GERSHUN, H.O.; SHINKAREV, I.I.; PUZINOVSKIY, E.I.;
KUCHARENKO, A.G.

Collective wages in the conveyerized production lines of shoe
factories. Kozh.-obuv.prom. 4 no.3:8-10 Mr '62. (MIRA 15:5)
(Wages--Shoe industry)

SKVARIK, V.P. [Skvaryk, V.P.], kand. tekhn. nauk; DYKACH, V.S.; KUCHERENKO,
A.G. [Kucherenko, A.H.]; VOLOSHIN, A.H. [Voloshyn, A.H.]; ~~IVANOV, A.S.~~

Use of plastics in shoe manufacture. Lek. prom. no.3:7-81 J1-3 '64.
(MIRA 17:10)

GERSHUN, M.I. [Hershun, M.I.]; KUCHERENKO, A.G. [Kucherenko, A.H.]; KOCHETOVA,
V.G. [Kochetova, V.H.]; TIMCHENKO, R.S. [Tymchenko, R.S.]

Organization of the department for centralized shoe upper production
in shoe factories. Leb.prom. no.2:85-88 Ap-Ju '65.

(MIRA 18:10)

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DOROFYENKO, G.N.; KUCHERENKO, A.P.; PROKOF'YEVA, N.V.

Perchloric acid and its compounds as catalysts in organic synthesis. Part 9: Synthesis of ketones of the pyrrole series. Zhur.ob.khim. 33 no.2:586-590 F '63. (MIRA 16:2)

1. Donetskoye otdeleniye Instituta organicheskoy khimii AN UkrSSR.
(Ketones) (Pyrrole) (Perchloric acid)

RUBIN, S.S., zasluzhennyy deyatel' nauki UkrSSR; KARASYUK, I.M.; KUCHERENKO,
A.P., aspirant

Short-time fallowing. Zemledelie 26 no.7:29-31 J1 '64. (MIRA 18:7)

1. Umanskiy sel'skokhoyaystvennyy institut.

L 7956-66 ENT(d)/ENT(l)/ENP(l)/ENA(h) IJP(c) BB/CG

ACC NR: AP5025744

SOURCE CODE: UR/0286/65/000/018/0092/0093

AUTHORS: Aptekman, B. A.; Kucherenko, A. P. 1/1

ORG: none

TITLE: Sign discriminator for analog-to-digital converter. Class 42, No. 174846
/announced by Automation Institute, Lisichansk Branch (Lisichanskiy filial
instituta avtomatiki) 25 166.44

SOURCE: Byulleten' izobreteniy i tovarnykh snakov, no. 18, 1965, 92-93

TOPIC TAGS: analog digital converter, transistorized circuit

ABSTRACT: This Author Certificate presents a sign discriminator for analog-to-digital converters, based on the method of digit balancing. The discriminator contains a bridge modulator, a pulse amplifier, and a phase detector. To increase the converter response rate, to decrease the effect of overloads on the reduction of the response rate, and to decrease the current requirement from the measuring circuit, the bridge modulator for shaping a single symmetric pulse signal contains two pairs of semiconductor switches (see Fig. 1).

Card 1/2

UDC: 681.142.07
2.

L 7956-66

ACC NR: AP5025744

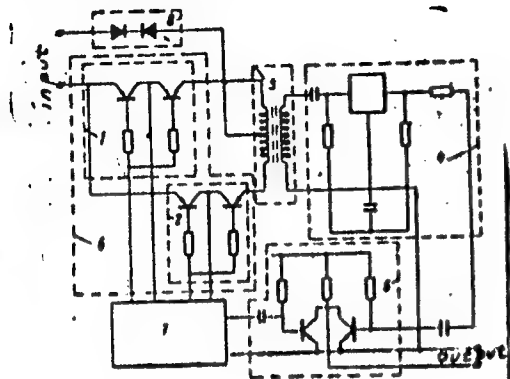


Fig. 1. 1 and 2- switches; 3- pulse transformer; 4- pulse amplifier; 5- time selector; 6- modulator; 7- control device; 8- diode limiter

The collectors of each pair are connected to each other and to a control device. The emitters of the first transistors of each pair are joined and are connected through resistors to the primary of the pulse transformer. The transformer center tap is connected to a diode current limiter. The transformer secondary is connected to the pulse amplifier. Orig. art. has: 1 diagram.

SUB CODE: EC/ SUBM DATE: 15Oct62

Card 2/2

KUCHERENKO, A. Ye.

KUCHERENKO, A. Ye. -- "Hemodynamic Shifts in Certain Operations on the Organs of the Abdominal Cavity." Vinnitsa, 1955. (Dissertation for the Degree of Candidate in Medical Sciences).

So: Knizhnaya letopis', No 8, 1956, pp 97-103

KUCHERENKO, A.Ye., kand.med.nauk (Vinnitsa, ul. Tolstogo, d.28)

Electrocardiographic changes in patients on the operating table
before and after local anesthesia. Nov.khir.arkh. no.6:53-55
R-D '59. (MIRA 13:4)

1. Kafedra gosspital'noy khirurgii (saveduyushchiy - prof. I.A.
Shrayer) Vinnitskogo meditsinskogo instituta.
(ELECTROCARDIOGRAPHY) (LOCAL ANESTHESIA)

KUCHERENKO, A.Ye., kand.med.nauk

Cardiovascular function in acute pancreatitis. Vrach.delo no.9:985-
986 S '59. (MIRA 13:2)

1. Klinika gospiatal'noy khirurgii (savoreduyushchiy - prof. I.A. Shrayer)
Vinnitskogo meditsinskogo instituta.
(CARDIOVASCULAR SYSTEM) (PANCREAS--DISEASES)

KUCHERENKO, Ye.M., kand.med.nauk (Vinnitsa, ul.L.Tolstogo, d.28); KUCHERENKO,
A.Ye., kand.med.nauk (Vinnitsa, ul.L.Tolstogo, d.28)

Surgeon's policy in gastric tetany. Nov. khir. arkh. no.2:38-43
Mr-Apr '60. (MIRA 14:11)

1. Kafedra gospiatal'noy terapii (zav. - prof. N.N.Kolotova)
Vinnitskogo meditsinskogo instituta i khirurgicheskoye otdeleniye
1-y gorodskoy bol'nitsy.

(TETANY)

KUCHERENKO, A.Ye.

Hemodynamic changes in operations on abdominal organs. Vest.
khim. 84 no.3:29-34 Mr '60. (MIRA 13:12)
(ABDOMEN—SURGERY) (CARDIOVASCULAR SYSTEM)

SHRAYER, I.A., prof.; KUCHERENKO, A.Ye., kand.med.nauk

Pathogenesis and closure of pancreatic fistulae. Vest.khir. 85
no.10:22-24 0 '60. (MIRA 13:12)

1. Iz gosspital'noy khirurgicheskoy kliniki (say. - prof. I.A.
Shrayev) Vinnitskogo meditsinskogo instituta.
(FISTULA)

KUCHERENKO, A.Ye.; KADOSHCHUK, T.A.

Tumor of the thymus with an unusual localization in the neck. Vop.
onk. 7 no.11:88-91 '61. (MIRA 15:5)

1. Kafedra gospiatal'noy khirurgii (zav. - doktor med.nauk M.V.
Danilenko) Vinnitskogo meditsinskogo instituta (dir. - dots.
S.I. Korkhov).

(THYMUS GLAND--TUMORS)

GRINSHPUN, O.Ya.; KUCHERENKO, A.Ye., kand.med.nauk (Vinnitsa, ul.Tolstogo,
d.28); ~~KUCHERENKO, Ye.H.~~

Speed of transmittal of a pulse wave along the arteries of the
lower extremities in endarteritis obliterans. Nov. khir. arkh.
no.9:54-57 S '61. (MIRA 14:10)

1. Khirurgicheskoye otdeleniye (zav. - kand.med.nauk A.Ye.Kucherenko)
2-y gorodskoy klinicheskoy bol'nitsy g. Vinnitsy.
(ARTERIES--DISEASES) (PULSE)

GRINSHPUN, O. Ya.; KUCHERENKO, A. Ye., kand. med. nauk; KUCHERENKO, Ye. M.,
kand. med. nauk; STUKALENKO, N. A. (Vinnitsa)

Pathogenesis of varicose veins of the lower extremities. Khirurgia
no.2:55-59 '62. (MIRA 15:12)

(VARIX)

KUCHERENKO, A.Ye., kand.med.nauk

Changes in the electrocardiogram in acute pancreatitis. Vrach.delo
no.10:65-69 0 '62. (MIRA 15:10)

1. Klinika gosspital'noy khirurgii (zav. - prof. M.V.Danilenko)
Vinnitskogo meditsinskogo instituta.
(ELECTROCARDIOGRAPHY) (PANCREAS--DISEASES)

KUCHERENKO, A.Yo., kand. med. nauk; KUCHERENKO, Yo.M., kand. med. nauk

Surgical interventions on organs in the abdominal cavity
in patients with rheumatic fever. Sov. Med. 26 no.9:30-35
S '62. (MIRA 17:4)

1. Iz kliniki gosptal'noy khirurgii (zav. - doktor med. nauk
M.V. Danilenko) i kliniki gosptal'noy terapii (zav. - prof.
N.N. Kolotova) Vinnitskogo meditsinskogo instituta (dir. - dotsent
S.I. Korkhov).

KUCHEPENKO, A.Ye., kand.med.nauk (Vinnitsa, ul.Tolstogo, d.28)

Acute pancreatitis of rare etiology. Vest.khir. 89 no.9:119-
121 S '62. (MIRA 15:12)

1. Iz gospi'tal'noy khirurgicheskoy kliniki (sav. - prof. M.V.
Danilenko) Vinnitskogo meditsinskogo instituta (rektor -
dotsent S.I.Korkhov).
(PANCREAS—DISEASES) (SALMONELLA INFECTIONS)

KUCHERENKO, Ye.M., kand.med nauk; GRISHPUN, O. Ye.; KUCHERENKO, A.Ye,
kand.med nauk (Vinnitsa)

Ballistocardiographic studies in chronic tonsillitis. Vrach.
delo no.8: 14-18 Ag'63. (MIRA 16:9)
(BALLISTOCARDIOGRAPHY) (TONSILS—DISEASES)

GRINSHUN, O.Ya., SHATYREG, L.A., KUCHENKO, A.Ye., KUCHENKO, A.Ye.
(Vladivostok)

Results of treatment of obliterating endarteritis (sclerotic
form) with radon baths at the Kamel'nik Health Resort. Vop.
kur., fizioter. i lech. fiz. kul't. 1966 No. 4 406-409 31-Apr '66.
(MIRA 17:9.

KUCHERENKO, A.Ye., kand. med. nauk

Determination of the functional state of the cardiovascular
system in surgical patients. Sov. med. 27 no.12:100-103 D'63
(MIRA 17:4)

1. Iz kliniki gospiatal'noy khirurgii (za. - prof. M.V.Danilenko)
Vinnitskogo meditsinskogo instituta.

KUCHMENKO, A.Ye., kand. med. nauk

Traumatic aneurysm of the iliac artery as a complication of
osteosynthesis with a metal nail. Vest. khir. 93 no.8:102-103
Ag '64. (MIRA 18:7)

1. Iz gosspital'noy khirurgicheskoy kliniki (zav. - prof. M.V.
Danilenko) Vinnitskogo meditsinskogo instituta imeni Pirogova.

GUTCHTSOV, V.Ye., (Vinnitsa, ul. Chkalova d.15/2); KUCHENKO, A.Ye., kandi. med. nauk

Methodology of the development of movements in the shoulder joint.
Ortop., travm. i protez. 26 no.7:71-72 JI '65. (MIRA 18:7)

1. Iz Vinnitskogo oblastnogo gosпиталя invalidov Otechestvennoy voyny
(nachal'nik - N.K.Onikiyenko).

124-57-1-755

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 98 (USSR)

AUTHOR: Kucherenko, E. G.

TITLE: On a Special Solution of a Problem on the Motion of the Ground Water (Ob odnom chastnom reshenii zadachi o dvizhenii gruntovykh vod)

PERIODICAL: Uch. Zap. Tomskogo un-ta, 1955, Nr 25, pp 113-114

ABSTRACT: An exact solution is adduced (satisfying the nonlinear boundary condition at the free surface) for the problem earlier examined for one particular case and approximately solved in a paper by L. A. Galin (Prikl. matem. i mekhanika, 1951, Vol 15, Nr 6, pp 644-678). Taking the function

$$z = -it + \frac{it}{\cos \gamma} + e^{i\gamma} \zeta + \frac{A}{\zeta - a} \quad (*)$$

where

$$A = [2x(x-t) - iD_2] e^{i\gamma} \quad \text{and}$$

Card 1/3

124-57-1-755

On a Special Solution of a (cont.)

$$a = -\frac{D_2}{2x} + i(x-t) + \frac{ite^{i\gamma}}{\cos \gamma}$$

and x is a positive root of the equation

$$3x^4 - 4tx^3 + (t^2 - D_1)x^2 + \frac{1}{4}D_2^2 = 0$$

which is always real, provided $D_1 > 0$ and $D_1^2 > 3D_2^2$, the author obtains a solution for the problem of the propagation of a specific "wave" of ground water (for $D_2 = 0$, a ground-water hump in a sloping surface having a slope γ). For $t = 0$ and $D_2 = 0$, the expression (*) assumes the form

$$z = \frac{2}{\gamma + 9} \frac{(2t + \sqrt{t^2 + 3D}) (\sqrt{t^2 + 3D} - t)}{\mathcal{C}_1 - i/3 (2t + \sqrt{t^2 + 3D})}$$

Card 2/3

124-57-1-755

On a Special Solution of a (cont.)

whereupon, for

$$D = \alpha \left(1 + \frac{\alpha}{4} \right), \quad t = \tau + 1 - \frac{\alpha}{2}$$

the exact solution of the problem, contained in the abovementioned paper by Galin, is found.

V. A. Karpychev

1. Ground water--Motion--Mathematical analysis 2. Hydrology--USSR

Card 3/3

Galaktion, Add. 5344

Galaktion, E. J.

Galaktion, the range of problems to be solved by the Galaktion method

Galaktion, the range of problems to be solved by the Galaktion method

Galaktion method, non linear differential equation, Sobolev 1974
Galaktion, the range of problems to be solved by the Galaktion method

coefficients and conditions

1. 2. 3. 4.

5. The author intends upon the completion of this work

Shchegolev, R. I.

On the convergence of the Galois series

1971

(Math. Sci. Ser. 1971)

1971

1971

1971

1971

1971

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1971

... which differ from the Godelian theorem. However, these
... V. P. Shchegolev

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KUCHERENKO, G.K.

Use the experience acquired by Odessa dock workers. Ech. transp.
16 no.6:30-32 Je '57. (MLRA 10:8)

1. Nachal'nik otдела mekhanizatsii Gor'kovskogo porta.
(Odessa--Loading and unloading)

LAVROVA, L.P., kand.tekhn.nauk; DUBROVINA, L.I., starshiy nauchnyy sotrudnik;
MOROZOVA, L.I., mladshiy nauchnyy sotrudnik; KUCHERENKO, G.N.,
mladshiy nauchnyy sotrudnik; KOCHUR, A.V., mladshiy nauchnyy
sotrudnik

Investigating the thermal processing of sausage products. Trudy
VNIIMP no.14:3-10 '62. (MIRA 16:8)
(Sausages)

KUCHERENKO, G.S. (Leningrad, 8-ya Sovetskaya ul., d.28, kv.8);

NOVITSKIY, A.N. (Leningrad, 8-ya Sovetskaya ul., d.28, kv.8)

Operative treatment of acromial luxation of the clavicle.

Vest.khir. no.3:130-133 '62.

(MIRA 15:3)

1. Iz 2-y kafedry khirurgii (zav. - prof. G.A. Gomzyakov)
Leningradskogo ordena Lenina instituta usovershenstvovaniya
vrachey im. S.M. Kirova i bol'nitsy im. V.I. Lenina (gl.
vrach -- K.A. Shelomentseva) g. Leningrada.

(CLAVICLE--DISLOCATION)

PETROV, B.A., prof.; KUCHERENKO, I.I. _____

Surgical procedure in bleeding ulcers. Khirurgiia no.10:15-22
'61. (MIRA 14:10)

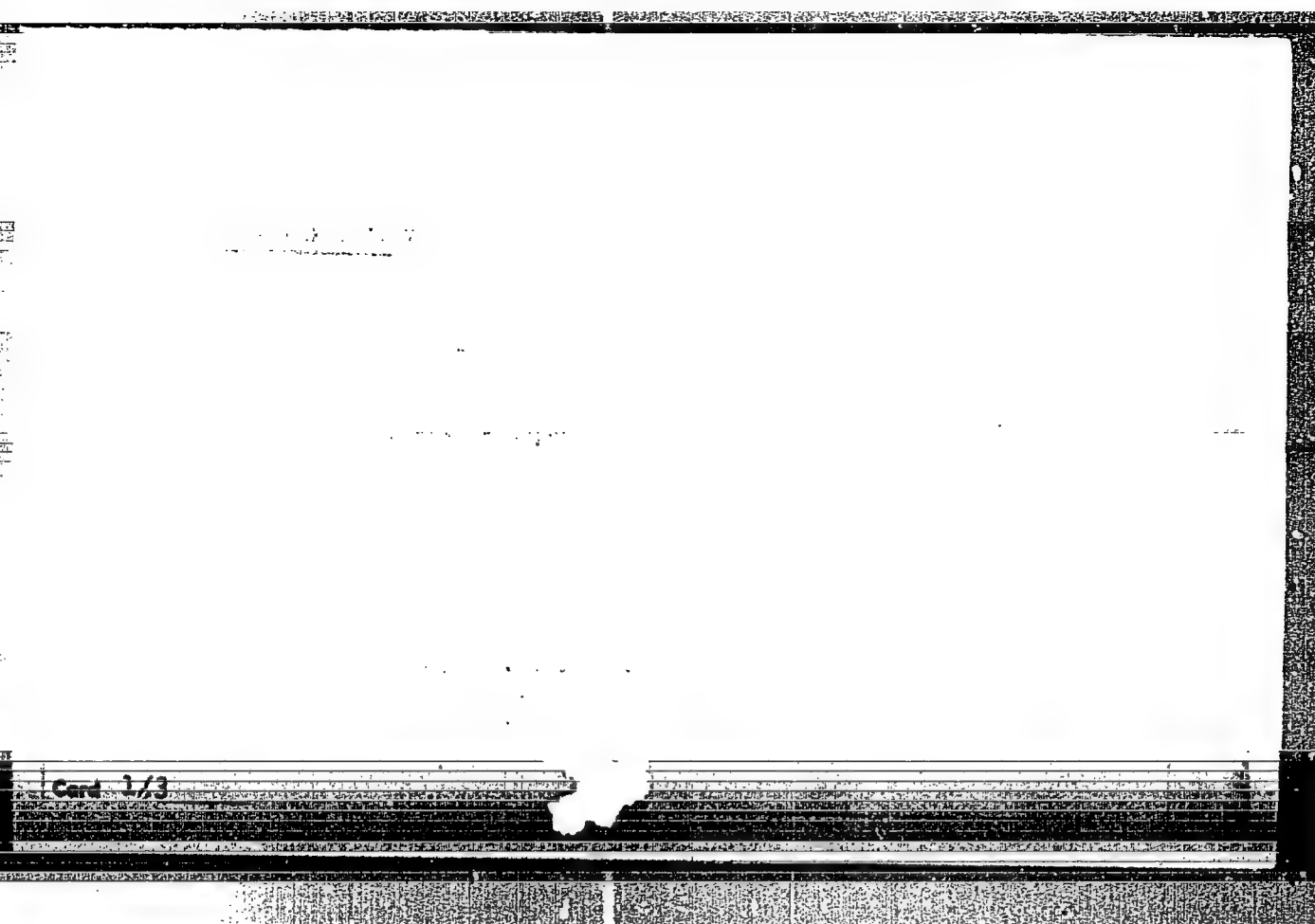
1. Iz Moskovskogo gorodskogo nauchno-issledovatel'skogo instituta
skoroy pomoshchi imeni N.V. Sklifosovskogo (dir. - zasluzhennyy
vrach USSR M.M. Tarasov)
(PEPTIC ULCER) (HEMORRHAGE)

VUL, B.M.; KUCHERENKO, I.V.

Low-temperature breakdown in p-germanium in uniaxial compression. Dokl. AN SSSR 153 no.5:1037-1039 D '63.

(MIRA 17:1)

1. Chlen-korrespondent AN SSSR (for Vul).



APPROVED FOR RELEASE: 03/13/2001
ACCESSION NR: AP5010705

with higher impurity concentration and better dissolved and red

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827030007-4

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827030007-4"

KUCHERENKO, K.

Laboratory work on mechanics. Prof.-tekh. obr. no. 10:10-14 0 '55.
(MLRA 9:1)

1. Prepedavatel' sholesnedereshnogo uchilishcha no. 2, Tambov.
(Mechanics, Analytic--Study and teaching)

Dissertation: "Generalization and Analysis of the Practice of Using Overhead Cable Transport in the Construction of Bridges." Cand Tech Sci, Kiev Engineering Construction Inst, 4 Jun 54. Pravda Ukrainy, Kiev, 21 May 54.

SO: SUK 204, 26 Nov 1954

SYTNIK, Ivan Panteleymonovich, kand. tekhn.nauk, dots.; KHAZAN, Moisey Yakovlevich, kand. tekhn. nauk, dots.; KUCHERENKO, Konstantin Rodionovich, kand. tekhn.nauk, dots.; KASPIN, Lev Abramovich, kand. ekon. nauk; ANFIMOV, Sergey Aleksandrovich, dots.; MASALOV, Grigoriy L'vovich, dots.; SALIVON, Ivan Ivanovich, assistant; GIROVSKIY, V.F., doktor ekon. nauk, prof., retsenzent; GUREVICH, M.S., ekon., retsenzent; ROTSHTEYN, A.G., kand. ekon. nauk, retsenzent; VAYNSHTEYN, B.S., kand. ekon. nauk, nauchn. red.; GERASIMOVA, G.S., red.izd-va; RODIONOVA, V.M., tekhn.red.

[The economics of construction] Ekonomika stroitel'stva.
[By] I.P.Sytnik i dr. Moskva, Gosstroizdat, 1963. 229 p.
(MIRA 17:1)

KASPIN, L.A., kand.ekonom.nauk; PAL'M, I.S., starshiy nauchnyy sotrudnik; KHORIKOV, A.N., starshiy nauchnyy sotrudnik; SHEVCHUK, Yu.I., starshiy nauchnyy sotrudnik; AKSENOV, D.G., inzh.; EL'GORT, Ye.G. Prinsipali uchastiye: KARAKURCHI, M.I., kand.tekhn.nauk; KUCHERENKO, K.R., kand.tekhn.nauk; PEDAN, M.P., nauch.sotr.; POPOV, V.Ye., nauchn.sotr.; GINSBURG, S.M., inzh.; SLIN'KO, B., red.; ZELENKOVA, Ye., tekhn.red.

[Economic aspects of the construction of four- and five-story apartment buildings of large blocks of brick] Ekonomika vozvedeniya 4-5 etazhnykh shilykh zdaniy iz krupnykh kirpichnykh blokov. Kiev, Gosizd-vo lit-ry po stroit. i arkhitekt. USSR, 1960. 112 p. (MIRA 14:4)

1. Akademiya stroitel'stva i arkhitektury USSR. Institut organizatsii i mekhanizatsii stroitel'nogo proizvodstva. 2. Sektor ekonomiki stroitel'nogo proizvodstva Nauchno-issledovatel'skogo instituta organizatsii i mekhanizatsii stroitel'nogo proizvodstva Akademii stroitel'stva i arkhitektury USSR (for Kaspin, Pal'm, Khorikov, Shevchuk, Aksenov, El'gort). 3. Nauchno-issledovatel'skiy institut konstruktsey (for Karakurchi, Kucherenko). 4. Glavkiyevstroy (for Ginsburg). 5. Nauchno-issledovatel'skiy institut stroitel'nykh materialov (for Pedan, Popov).

(Building, Brick)

SLIPCHENKO, P.S., glav. red.; KUCHERENKO, K.R., red.; FILONCHIKO,
K.I., red.; LESNAYA, A.A., red.; ABYZOV, A.G., red.;
BUDNIKOV, M.S., red.; VETROV, Yu.A., red.; GLADKIY, V.I.,
red.; GOLOSOV, V.A., red.; IZMAYLOV, V.G., red.; KANYUKA,
N.S., red.; KAPOV, E.A., red.; KLINDUKH A.M., red.;
KUSHNAREV, N.Ye., red.; LUYK, A.I. kand. tekhn. nauk,
red.; NEMENKO, L.A., red.; RYBAL'SKIY, V.I., red.; SITNIK,
I.P., red.; FEDOSHENKO, N.M., red.; FILAKHTOV, A.L., kand.
tekhn. nauk, red.; KHILOBOCHENKO, K.S., red.; VORONKOVA,
L.V., red.; KIYANICHENKO, N.S., red.

[Construction industry: technology and mechanization of the
construction industry; the economics and organization of
construction] Stroitel'noe proizvodstvo: tekhnologiya i me-
khanizatsiya stroitel'nogo proizvodstva; ekonomika i orga-
nizatsiya stroitel'stva. Kiev, Budivel'nyk, 1965. 180 p.
(MIRA 18:4)

1. Nauchno-issledovatel'skiy institut stroitel'nogo proiz-
vodstva. 2. Nauchno-issledovatel'skiy institut stroitel'-
nogo proizvodstva (for Luyk, Filakhtov).

TROSHKINA, W.A.; KUCHERENKO, L.A.; KHOMYAKOV, K.G.

Effect of small amounts of a third component on the properties
of FeAl. Vest. Mosk. un. Ser. 2:Khim. 20 no.4:57-58 J1-Ag '65.
(MIRA 18:10)

1. Kafedra obshchey khimii Moskovskogo gosudarstvennogo uni-
versiteta.

SLUTSKIY, V.A., inzh.; PAVLOVA, Ye.F., inzh.; KUCHERENKO, L.A., inzh.;
RYBCHINSKIY, O.I., inzh.; VOLYAK, G.E., inzh.

Effect of the surface area on the linear dimensions of leather and
application of the dependence in the establishment of technical
norms. Nauch.-issl.trudy Ukr NIIKP no.13:216-221 '62.

(MIRA 18:2)

S/0189/64/000/001/0053/0055

ACCESSION NR: AP4014383

AUTHORS: Kucherenko, L. A.; Troshkina, V. A.; Khomyakov, K. G.

TITLE: The effect of alloying on the hardness of NiAl and its solid solutions

SOURCE: Moscow. Univ. Vestn. Ser. II. Khim., no. 1, 1964, 53-55

TOPIC TAGS: alloy, nickel aluminum alloy, nickel aluminum manganese alloy, nickel aluminum iron alloy, nickel aluminum cobalt alloy, nickel aluminum copper alloy, solid solution, annealing hardness

ABSTRACT: Studies were conducted on the effect of small additions of Mn, Fe, Co, and Cu on the hardness of NiAl alloys, where the ratio of Ni:Al was either stoichiometric, or with a 1% excess of either Ni or Al. The alloying of the components was performed by a double melting in an atmosphere of argon, following which the samples were homogenized for 700 hours at temperatures to 1150C. The hardness of the specimens was tested on a TP type durometer, at a 5-kg load and a 30-second exposure, following annealing from 500, 600, 700, and 800C downwards to a 5% cooled alkali solution. Microstructural analysis revealed that all of the samples were monophasic, the effect of the additions being reflected only in granular size. It was found that the hardness of the stoichiometric NiAl was

Card 1/2

ACCESSION NR: AP4014383

practically constant up to 600C, with a slight dip within the 600-700C range, followed by substantial rise up to 800C. The addition of 1 or 3% of Mn, Fe, Co, and Cu generally resulted in lowering the hardness of NiAl, except for the 600-700C range. As to the NiAl alloys containing an excess of Ni or Al, it was observed that while alloying with Fe, Co, and Cu resulted in greater hardness (as compared with the alloyed stoichiometric NiAl samples) it still remained approximately at the original level, with some drop in the samples annealed at 800C. The alloying effect of Mn was an exception, the resulting alloys having a hardness superior to the samples alloyed with Fe, Co, and Cu. The alloys containing 3% Mn were superior to the ones containing 1% Mn. Orig. art. has: 1 chart and 1 table.

ASSOCIATION: Kafedra obshchey khimii, Moscow universitet (Department of General Chemistry, Moscow University)

SUBMITTED: 13Apr63

DATE ACQ: 02Mar64

ENCL: 00

SUB CODE: CH

NO REF SOV: 002

OTHER: 003

Card 2/2

KUCHERENKO, L.V.

Study of *Pseudomonas aptata* Brown et Jamieson, agent of the
sugar-beet bacteriosis in the Ukrainian S.S.R. Mikrobiol.
zhur. 27 no.5:26-35 '65. (MIRA 18:10)

1. Institut mikrobiologii i virusologii AN UkrSSR.

KUCHERENKO, M.

Way to master an occupation. Prof.-tekh. obr. 13 no.10:25-26 0 '56.
(MIRA 9:11)

1. Pomoshchnik direktora po kul'turno-vospitatel'noy rabote uchi-
lishoha mekhanizatsii sel'skogo khozyaystva no.1, g: Taganrog.
(Farm mechanisation--Study and teaching)

KUCHERENKO, M.

On the rise. Prof.-tekh.obr. 17 no.2:24 P '60.
(MIRA 13:6)

1. Sekretar' partbyuro uchiishcha mekhanizatsii sel'skogo
khozaystva No.1, Taganrog.
(Farm mechanisation--Study and teaching)

KUCHERENKO, M.

Issuing credit to organizations of the Ministry of Finance
system for the building of motion-picture theaters. Don.1
kred. 18 no.1:77-85 Ja '60. (MIRA 13:1)
(Motion-picture theaters--Finance)

LEVIN, B.; KAMEGULOVA, F.; KUCHERENKO, M.

Several problems in applying credit and payment sanctions to
enterprises and organisations. Den. i kred. 20 no.11:28-31
N '62. (MIRA 16:1)

(Banks and banking)

KUCHERENKO, M.A., elektromonter

Automatic machine used for cutting raw bricks. Rats. i izobr. predl.
v stroi. no.5:39-41 '58. (MIRA 11:6)
(Brickmaking machinery)

KUCHERENKO, M.A.

Porous insulating material "poroizol." Khim.prom. [Ukr.] no.1:56
Ja-Mr '64. (MIRA 17:3)

BURKATSKIY, A.P., ~~tekhnik~~; KUCHERENKO, M.G., tekhnik; KOLYADA, F.I.,
tekhnik

Use of electric insulation on substations located in districts
with polluted air. Energetik 10 no.3:26 Mr '62. (MIRA 15:2)
(Electric insulators and insulation)
(Electric substations)

5(1)
AUTHOR:
Sovlyakov, A. S., Rillo, V. B., 1977/10-12:4-24/19
Kisner, E. E., Bogdanov, L. E., *Polymer*, 18, 2,
Kashchuk, E. E.

TITLE:
Preparation of Isotactic Polystyrene (Polystyrene
Isotactic Polystyrene)

PERIODICAL:
Doklady Akademi nauk SSSR, 1976, Vol 122, No 6,
79 1076-1079 (USSR)

ABSTRACT:
Despite of several papers (Refs 1-3) the preparation method
and the mechanism of isotactic polystyrene are not described
in publications. The present paper tries to determine the
conditions of stereoregular styrene polymerization which
are suited for technological development. The styrene
polymerization was produced with the catalyst system of
triethyl aluminum lithium tri-tert-butyl borate in the medium of
chlorinated hydrocarbons at 50-100°C in nitrogen atmosphere.
A dependence of the polymerization velocity on the field of
isotactic fraction of the polymer on the concentration of
Al(C_2H_5)₃ in the solvent (benzene) was found (Table 1).
Figure 1 shows the dependence of the field of the isotactic
fraction (fraction III), of the per cent content of the

Sheet 1/3

amorphous fraction in the polymer (not fraction), of the
characteristic viscosity (in cyclohexane at 20°C) and of the
density (ρ) on the quantity E . Figure 2 shows the field of the
isotactic fraction of the amorphous fraction in the polymer in dependence
on temperature. An increase in the entire yield of polystyrene
takes place only in consequence of an increase in the field of
the amorphous fraction. Then the relation $E_0 : E_1 : E_2$ was
found from 10 to 15, the content of the amorphous fraction
in the polymer increased by 1.5-2.0 times. The yield of the
isotactic fraction per 100 g of monomer practically did not change.
The results of typical tests are collected in Table 2.
Simultaneously the field of the amorphous product is not
connected with method affecting the mechanism. The
homogeneous solution according to the mechanism. The
constant yield of an isotactic product, however, must be
explained by the constant size of the active centers of the
catalyst. Polystyrene can be prepared according to the system
described, depending on the conditions of the procedure and the
polymerization method either as a completely crystalline or
amorphous (50.5-100 %) or with a considerable content of the

Sheet 2/3

amorphous fraction. Figure 3 shows typical thermodynamic
curves (plotted with Kargin's scale) of an industrial sample
of the polymer prepared according to the catalytic system
mentioned above, and of its individual fractions. Figure 4
gives the radiographs of both fractions. Table 3 shows
some physico-mechanical and electric properties of the
polystyrene under consideration. V. A. Kargin, Moscow,
Academy of Sciences, USSR, isolated the author in his work.
There are 3 figures, 3 tables and 3 references.

PERIODICAL:
Doklady Akademi nauk SSSR, 1976, Vol 122, No 6,
79 1076-1079 (USSR)

DATE:
June 26, 1976

Sheet 3/3

AUTHORS:

TITLE:

PERIODICAL:

ABSTRACT:

SOV/0
Etlis, V.S., Minsker, K.S., Kirillov, A.I., Kucherenko,
On the Production and the Properties of Polypropylene (O po-
luchanii i svoystvakh polipropilena)
Zhurnal prikladnoy khimii, 1959, Vol XXXII, Nr 2,
pp 418-423 (USSR)

Polypropylene was prepared on catalysts containing a mixture of triethylaluminum (AlEt_3) and the chlorides of titanium (TiCl_4 and TiCl_3). The polymer was obtained in the quantity of 0.5 - 1.0 kg from 1 liter of the reaction mass in the presence of TiCl_4 as a catalyst. The average molecular weight was 23,000 - 24,000. The content of the amorphous polymer in the final product was 25 - 35%. If AlEt_3 with TiCl_3 was used as catalyst the polymer was in crystalline form. The Staudinger equation [Ref 7] is valid for all propylene solutions.

Card 1/2

SOV/80-32-2-33/56

AUTHORS: Etlis, V.S., Minsker, K.S., Kirillov, A.I., Kucherenko, M.M.

TITLE: On the Production and the Properties of Polypropylene (O poluchenii i svoystvakh polipropilena)

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol XXXII, Nr 2, pp 418-423 (USSR)

ABSTRACT: Polypropylene was prepared on catalysts containing a mixture of triethylaluminum (AlEt_3) and the chlorides of titanium (TiCl_4 and TiCl_3). The polymer was obtained in the quantity of 0.5 - 1.0 kg from 1 liter of the reaction mass in the presence of TiCl_4 as a catalyst. The average molecular weight was 23,000 - 24,000. The content of the amorphous polymer in the final product was 25 - 35%. If AlEt_3 with TiCl_3 was used as catalyst the polymer was in crystalline form. The Staudinger equation [Ref 7] is valid for all propylene solutions.

Card 1/2

On the Production and the Properties of Polypropylene

SOV/80-32-2-33/56

There are 3 tables, 2 graphs, 1 diagram, and 8 references,
4 of which are Soviet, 3 English, and 1 German.

SUBMITTED: June 17, 1957

Card 2/2

SHEVLYAKOV, A. S.; MYLIS, V. S.; MINSKER, K. S.; DEGTYAREVA, L. M.;
PEDOSEYEVA, G. T.; KUCHERENKO, M. M.

Stereospecific polymerization of styrene. Khim. prom. no. 5:362-
367 J1-Ag '60. (MIRA 13:9)
(Styrene) (Polymerization)

Kucherenko, M. T.

Name: KUCHERENKO, M. T.

Dissertation: The lithological and phase peculiarities and regularities of the structure of the middle carboniferous series of the western extension of the Donbas

Degree: Cand Geol-Min Sci

Alphabet
at
Institution: Min Higher Education USSR, Dnepropetrovsk State U imeni the 300th Anniversary of the Union of the Ukraine and Russia

Publication
Defense Date, Place: 1956, Dnepropetrovsk

Source: Knizhnaya Letopis', No 47, 1956

KHMARSKIY, M.Z.; KUCHERENKO, M.T.; SOKOL'SKAYA, A.V.; TANATAR-PARASH, Z.I.

Lithological and facies characteristics of coal deposits in the
western extension of the Donets Basin. Trudy Lab.geol.ugl. no.5:
249-258 '56. (MLRA 9:8)

1. Dnepropetrovskiy gosudarstvennyy universitet.
(Donets Basin--Coal geology)

AUTHORS:

Litvinenko, A. U. and Kucherenko, M. T.

20-5-36/48

TITLE:

Oolitic Siderite-Chamoisite Ores in Jurassic Deposits of the Dnepr-Donets Depression (Oolitovyye siderito-shamozitovyye rudy v yurskikh otlozheniyakh Dneprovsko-Donetskoy vpadiny)

PERIODICAL:

Doklady AN SSSR, 1957, Vol. 116, Nr 5, pp. 847 - 850 (USSR)

ABSTRACT:

Since the Jurassic deposits are mostly covered by the higher lying meso- and kainozoic sedimentary formations, their research is insufficient in spite of a rather wide distribution in the mentioned region. In the most recent time the layers mentioned in the title penetrated by several boreholes of the Ukrainian Geological Administration (Ukrainskoye geologicheskoye upravleniye) and of the trust "Ukruglegeologiya" (Ukrainian Coal-Geology). In the lower part these layers belong to the "middle Leias-Aalen"; ferriferous rocks, more or less enriched by oolites were found here. They lie progressively in depths of from 80 to 300 m. They rest upon conglomerate directly resting upon Triassic, or 12 m thick dark gray arenaceous loams. More eastwards a 26-meter-mass of dark gray loam separates the ore layers from Triassic. The ferriferous sediments are represented by 3 types: 1.) fine oolite siderite-chamoisite ore. Macroscopically dark green this ore has intermediate layers

Card 1/4

Oolitic Siderite-Chamoisite Ores in Jurassic Deposits of the Dnepr-Donets Depression 20-5-36/48

of micrograined carbonate (siderite) and loam. The oolites are rather solid, not greater than 1mm; 0,5 mm and smaller predominate. They are either dark green dull, or shining and black. With the oolites cornered and well rolled quartz grains, splinters of flint and of pelezypod shells occur. The oolites are often compressed under the microscope. In the most there is a core of splinters of carbonate, quartz, smaller oolites of former generations of chamoisite etc. The structure of the oolites is described in detail. The occurrence of almost globular oolites with 2 compressed separated ellipsoidal oolites in the core is a proof that this latter form was still during the sedimentation of the ore deposits and the formation of the ores themselves, i.e. before the ore layer was covered by higher layers. This form is probably caused by physical-chemical peculiarities of the slime sediments in which the oolites were produced. The green color of the exterior concentres of the oolites beside the inner zones which are brownish-yellow up to dark brown as well as the occurrence of the rearranged whole smoothly polished oolites prove a temporary alteration of the physical-chemical and hydrodynamical conditions of the marine basin during the sedimentation of the ferriferous deposits. In consequence of oxidation processes the oolites become yellowish and brownish. In consequence of the prevailing of reducing conditions the chamoisite of

Card 2/4

20-5-36/48

Oolitic Siderite-Chamoisite Ores in Jurassic Deposits of the Dnepr-Donets Depression

the exterior concentres became again green. The chemical analysis (table 1), the radiometric, and the thermal analysis prove unequivocally that the substance of the oolites is chamoisite. Its structure is described in detail. 2.) siderite. Among the above-mentioned ores as well as in ferriferous sandstones intermediate layers and concretions of a size up to 15 cm, of micrograined siderite, occur. It contains inclusions of the mentioned oolite, round pyrite grains, splinters of pelezypod shells, as well as of armor and needles of echinites. The chemical composition is not constant (is given). 3.) Ferriferous sandstones. Mostly middle- or fine-grained sandstones. Terrigenous grains are mainly represented by quartz. Microcline-, biotite, and single tourmaline grains, as well as pelezypod shell splinters are seldom found. Chamoisite-oolites exist always in a quantity of 15 - 20 %. The cement of the sandstone is basally carbonaceous, chamoisite-sideritic or siderite-loamy. The siderite of the cement has a spherulitic structure and decomposes as well as substitutes everywhere quartz-grains and shell splinters. Moreover, concretions of micrograined calcite are to be found in sandstone, microspherulite grains of siderite, needle- and armor splinters of echinites as well as shell-like

Card 3/4

Oolitic Siderite-Chamoisite Ores in Jurassic Deposits of the Dnepr-Donets Depression 20-5-36/48

and globular secretions of pyrites are densely distributed in the calcite. There are 3 figures, 1 table, and 1 reference, none of which is Slavic.

ASSOCIATION: Geological Scientific Research Institute, Dnepropetrovsk State University
(Nauchno-issledovatel'skiy geologicheskii institut Dnepropetrovskogo gosudarstvennogo universiteta)

PRESENTED: May 3, 1957, by N. M. Strakhov, Academician

SUBMITTED: April 28, 1957

AVAILABLE: Library of Congress

Card 4/4

AUTHORS: Kucherenko, M.T. and Solol'skaya, A.V. SOV-21-58-4-19/29

TITLE: On Certain Peculiarities of Sediment and Coal Accumulation in the West Regions of the Donbas During the Carboniferous Period (O nekotorykh osobennostyakh osadko- i uglerakopleniya v Karbone zapadnykh rayonov Donbassa)

PERIODICAL: Dopovidi Akademii nauk Ukraini'skoi RSR, 1958, Nr 4, pp 434-436 (USSR)

ABSTRACT: On the basis of a study of lithology and facial peculiarities of the Carboniferous sediments of the suites C_1^1 to C_2^4 in the western regions of the Donbas, it was established that the conditions of peat accumulation in the Lower and Middle Carboniferous times were not the same. In the Lower Carboniferous time, peat formation was connected primarily with boggy maritime lagoons, while in the Middle Carboniferous (suites C_2^1 to C_2^2) peat bogs were mainly formed on broad alluvial plains. Differences in the coal quality of

Card 1/2

On Certain Peculiarities of Sediment and Coal Accumulation in the West
Regions of the Donbas During the Carboniferous Period

SOV-21-58-4-19/29

*the Lower and Middle Carboniferous ages are accounted for
by different conditions of peat accumulation. There is
1 Soviet reference.*

ASSOCIATION: Dnepropetrovskiy gosudarstvennyy universitet (Dneprope-
trovsk State University)

PRESENTED: By Member of the AS UkrSSR, V.G. Bondarchuk

SUBMITTED: July 26, 1957

NOTE: Russian title and Russian names of individuals and insti-
tutions appearing in this article have been used in the
transliteration.

1. Geology--USSR
2. Coal--Geology
3. Peat--Geology
4. Geological time--Determination

Card 2/2